

## Mouse IL-10 ELISA antibody pair 10 Plate Format

Catalog No. CK1092

### Coating antibodies (2 vials)

**Product:** Monoclonal antibody to mouse interleukin 10 (IL-10)  
**Isotype:** Rat IgM  
**Production:** *In vitro* using serum free medium  
**Purification:** Ammonium sulphate precipitation and DEAE ion-exchange chromatography  
**Buffer:** Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose  
**Application:** Inject 0.25 ml distilled water into the vial and dilute 100 times in PBS. The content of one vial is sufficient for five 96-well ELISA plates (480 determinations; 50 µl/well).

### Detection antibodies (2 vials)

**Product:** Biotinylated polyclonal antibody to mouse interleukin 10 (IL-10)  
**Isotype:** Rat IgG<sub>1</sub>  
**Purification:** Ammonium sulphate precipitation and protein A- and ligand-affinity chromatography  
**Labeling:** With Biotin-7-NHS (N-hydroxysuccinimide)  
**Buffer:** Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose  
**Application:** Inject 0.5 ml distilled water into the vial and dilute 100 times in PBS + 0.5% BSA + 0.05% Tween-20. The content of one vial is sufficient for five 96-well ELISA plates (480 determinations; 100 µl/well).

### Standards (5 vials)

**Product:** *E. coli*-derived recombinant mouse interleukin 10 (IL-10)  
**Application:** Cytokine standard in an ELISA system  
**Reconstitution:** Inject of 0.5 ml distilled water into the vial. Use immediately.

### Conjugate (2 vials)

**Product:** SPP conjugate (Streptavidin-HRP)  
**Application:** Inject 0.5 ml distilled water into the vial and dilute 100 times in PBS + 0.5% BSA + 0.05% Tween-20. The content of one vial is sufficient for five 96-well ELISA plates (480 determinations; 100 µl/well). The product should be used in conjunction with TMB substrate.

### General

**Sensitivity:** < 5 pg/ml  
**Specificity:** Validated for detecting natural and recombinant mouse IL-10  
**Sterility:** Membrane filtered (0.2 µm)  
**Stability:** Lyophilized SPP conjugate is stable for at least one year at -20°C, the other lyophilized products are stable for at least one year at 4°C.  
After reconstitution, the antibodies are stable for one year at 4°C (if kept sterile) and SPP for a minimal of one year at -20°C. The reconstituted standard preparation should be used immediately.

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Cell Sciences, Inc.  
480 Neponset Street  
Building 12A  
Canton, MA 02021

Toll Free: 888 769-1246  
Phone: 781 828-0610  
Fax: 781 828-0542

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Web Site: [www.cellsciences.com](http://www.cellsciences.com)